

Employee Post-Travel Disclosure of Travel Expenses

Date/Time Stamp:

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2019 SEP 27 AM 9:34

Post-Travel Filing Instructions: Complete this form within 30 days of returning from travel. Submit all forms to the **Office of Public Records in 232 Hart Building.**

In compliance with Rule 35.2(a) and (c), I make the following disclosures with respect to travel expenses that have been or will be reimbursed/paid for me. I also certify that I have attached:

- ☒ The **original** *Employee Pre-Travel Authorization* (Form RE-1), **AND**
- ☒ A **copy** of the *Private Sponsor Travel Certification Form* with all attachments (itinerary, invitee list, etc.)

Private Sponsor(s) (list all): Stanford University

Travel date(s): August 26-29, 2019

Name of accompanying family member (if any):

Relationship to Traveler: ☐ Spouse ☐ Child

IF THE COST OF LODGING DID NOT INCREASE DUE TO THE ACCOMPANYING SPOUSE OR DEPENDENT CHILD, ONLY INCLUDE LODGING COSTS IN EMPLOYEE EXPENSES. (Attach additional pages if necessary.)

Expenses for Employee:

	Transportation Expenses	Lodging Expenses	Meal Expenses	Other Expenses (Amount & Description)
<input type="checkbox"/> Good Faith Estimate	599.45	\$600 (\$200/night)	\$191.07	\$86.68 CA ground transportation
<input checked="" type="checkbox"/> Actual Amount				

Expenses for Accompanying Spouse or Dependent Child (if applicable):

	Transportation Expenses	Lodging Expenses	Meal Expenses	Other Expenses (Amount & Description)
<input type="checkbox"/> Good Faith Estimate				
<input type="checkbox"/> Actual Amount				

Provide a description of all meetings and events attended. See Senate Rule 35.2(c)(6). (Attach additional pages if necessary.): see itinerary attached

9/25/19
(Date)

Cherilyn Pascoe
(Printed name of traveler)

Cherilyn Pascoe
(Signature of traveler)

TO BE COMPLETED BY SUPERVISING MEMBER/OFFICER:

I have made a determination that the expenses set out above in connections with travel described in the *Employee Pre-Travel Authorization* form, are necessary transportation, lodging, and related expenses as defined in Rule 35.

9/27/19
(Date)

[Signature]
(Signature of Supervising Senator/Officer)

EMPLOYEE PRE-TRAVEL AUTHORIZATION

Pre-Travel Filing Instructions: Complete and submit this form at least 30 days prior to the travel departure date to the **Select Committee on Ethics** in SH-220. Incomplete and late travel submissions will **not** be considered or approved. This form **must** be typed and is available as a fillable PDF on the Committee's website at ethics.senate.gov. Retain a copy of your entire pre-travel submission for your required post-travel disclosure.

Name of Traveler: Cherilyn Pascoe

Employing Office/Committee: Senate Committee on Commerce, Science, and Transportation

Private Sponsor(s) (list all): Stanford University

Travel date(s): August 26-29, 2019

*Note: If you plan to extend the trip for any reason you **must** notify the Committee.*

Destination(s): Stanford, CA

Explain how this trip is specifically connected to the traveler's official or representational duties:

I handle cybersecurity and other technology issues for the Senate Commerce Committee. This program is expected to provide in-depth policy coverage related to those subjects under the jurisdiction of the Committee.

Name of accompanying family member (if any): _____

Relationship to Employee: ☐ Spouse ☐ Child

I certify that the information contained in this form is true, complete and correct to the best of my knowledge:

7-22-2019
(Date)

Cherilyn Pascoe
(Signature of Employee)

TO BE COMPLETED BY SUPERVISING SENATOR/OFFICER (President of the Senate, Secretary of the Senate, Sergeant at Arms, Secretary for the Majority, Secretary for the Minority, and Chaplain):

I, Senator Roger Wicker hereby authorize Cherilyn Pascoe
(Print Senator's/Officer's Name) (Print Traveler's Name)

an employee under my direct supervision, to accept payment or reimbursement for necessary transportation, lodging, and related expenses for travel to the event described above. I have determined that this travel is in connection with his or her duties as a Senate employee or an officeholder, and will not create the appearance that he or she is using public office for private gain.

I have also determined that the attendance of the employee's spouse or child is appropriate to assist in the representation of the Senate. (signify "yes" by checking box) ☐

7-23-19
(Date)

Roger J. Wicker
(Signature of Supervising Senator/Officer)

AUGUST 26-29, 2019

Stanford

Freeman Spogli Institute
for International Studies



HOOVER
INSTITUTION

Abstract

Dear Ms. Pascoe,


These sessions will challenge you to learn from and debate key philosophical and policy issues with some of the nation's leading thinkers and practitioners. As a participant you will receive round-trip airfare, ground transportation in California, housing on Stanford's campus, and those meals that are part of the program.

To proceed, please confirm your agreement to attend by completing this form by the close of business on Monday, July 22nd. Due to ethics rules, to maintain your spot, it is imperative that you submit the proper paperwork. Please complete the paperwork provided and items listed below to your ethics committee for review by Wednesday, July 24th. Your submission packet must include:

- Traveler Form (attached for you to fill out)
- Private Sponsor Certification Form (completed for you and attached)
- Syllabus
- List of Senate invitees
- Copy of this invitation letter

If you have any questions, do not hesitate to contact me (rwald@stanford.edu). Thank you in advance for your prompt response so we can ensure your seat in the boot camp. We look forward to and expect an excellent program.

Sincerely,


Russell C. Wald

Russell C. Wald
Senior Manager, External Affairs
Hoover Institution, Stanford University

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The Senate Member, officer, or employee **MUST** also provide a copy of this form, along with the appropriate travel authorization and reimbursement form, to the Office of Public Records (OPR), Room 232 of the Hart Building, within thirty (30) days after the travel is completed.

- Private Sponsor Certification - Page 1 of 4

7-5260

☐ (A) The trip is for attendance or participation in a one-day event (exclusive of travel time and one overnight stay) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee *on any segment* of the trip.

☐ (B) The trip is for attendance or participation in a one-day event (exclusive of travel time and two overnight stays) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee *on any segment* of the trip (see questions 6 and 10).

☒ (C) The trip is being sponsored only by an organization or organizations designated under § 501(c)(3) of the Internal Revenue Code of 1986 and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee *at any point* throughout the trip.

If the trip includes two overnight stays, please explain why the second night is practically required for Senate invitees to participate in the travel:

Stanford University has sponsored several trips for Congressional staff. Specifically, this is the fourth
Cyber Boot Camp for Congressional staff organized by Stanford. The most recent one was August 2017
and had a similar format to this trip.

15. Briefly describe the educational activities performed by each sponsor (other than sponsoring congressional trips):

Stanford University regularly sponsors policy panels and roundtables for think tank scholars, journalists,

Congressional staff, Executive branch officials, academics and members of the public. Additionally

Stanford educates numerous undergrad and graduate students within the university.

- 16. Total Expenses for Each Participant:**

	Transportation Expenses	Lodging Expenses	Meal Expenses	Other Expenses
<input checked="" type="checkbox"/> Good Faith estimate <input type="checkbox"/> Actual Amounts	\$599.45 Round trip airfare \$60 Ground transportation \$659.45 Total	\$600 (\$200/night)	\$218	None

17. State whether a) the trip involves an event that is arranged or organized *without regard* to congressional participation or b) the trip involves an event that is arranged or organized *specifically with regard* to congressional participation:

The trip involves an event that is arranged/organized specifically with regard to Congressional staff participation.

- 18. Reason for selecting the location of the event or trip**

In order to have a significant number of California-based faculty participate in the event, we are hosting
it at the Stanford University campus.

19. Name and location of hotel or other lodging facility:

Schwab Residential Center, 680 Serra Street, Stanford CA 94305

20. Reason(s) for selecting hotel or other lodging facility:

The Schwab Residential Center is owned and operated by Stanford University. It is in close proximity to
the events that compromise the program, and falls into the per diem guidelines.

PRIVATE SPONSOR TRAVEL CERTIFICATION FORM

SIGNATURE PAGE FOR ADDITIONAL SPONSOR

(to be completed by each additional sponsor)

I hereby *certify* that the information contained on pages 1-4 of the certification form and any accompanying addenda, all submitted in connection with the August 26-29, 2019 trip
to Stanford University, Stanford, CA is true, complete, and correct.
Dates of Travel (Month Day, Year)
Place of Travel

Signature of Travel Sponsor:

Name and Title: Russell Wald, Senior Manager, External Affairs

Name of Organization: Stanford University

Address: 434 Galvez Mall, Stanford, CA 94305.

Telephone Number: 202-760-3200

Fax Number: 202-760-3191

E-mail Address: **rwald@stanford.edu**

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Tristan	Abbey	Energy & Natural Resources Committee	Senior Professional Staff
Karolina	Arias	Senator Van Hollen Subcommittee on Securities, Investment, and Insurance	Policy Advisory and Minority Staff Director
Jackie	Barber	Committee on Rules & Administration	Chief Counsel
Virgilio	Barrera	Senator Martin Heinrich	Legislative Director
Jacob	Barton	Senate Select Committee on Intelligence	Professional Staff
Greta	Bedekovics	Senate Committee on Rules and Administration	Professional Staff Member
Michelle	Benecke	Homeland Security and Governmental Affairs Committee	Senior Counsel
Emily	Clise	Senate Select Committee on Intelligence	Professional Staff Member
Katherine	Harris	Senate Select Committee on Intelligence	Counsel for the Minority
Sunmin	Kim	Sen. Schatz	Technology Policy Advisor
Jackie	Maffucci	HSGAC	Policy Advisor
Charlotte	Oldham-Moore	Senate Foreign Relations Committee	Senior Professional Staff Member
Jacob	Olidort	Office of Senator Josh Hawley	Foreign Policy Advisor
Cherilyn	Pascoe	Senate Commerce Committee	Senior Professional Staff Member
William	Payne	Sen. Ben Sasse/Senate Judiciary Committee	Chief Counsel
John	Riordan	Senate Armed Services Committee	Professional Staff Member; Strategic forces SubCmte Lead
Jacqueline	Russell	Senate Appropriations	Professional Staff Member
Stephen	Smith	Senator King	Senior Policy Advisor
Moon	Sulfab	Senator Mitch McConnell	Systems Administrator
Chad	Tanner	Select Committee on Intelligence	Professional Staff Member
Clint	Trocchio	Committee on Appropriations	Deputy Clerk and Head of Analytics
Matthew	Williams	Sen. Kamala Harris	National Security Advisor
Robert	Winkler	Senate Armed Services Committee	Professional Staff Member

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11:30 am – 12:00 pm INTRODUCTION AND PROGRAM OVERVIEW

- **Andrew Grotto**, William J. Perry International Security Fellow, Center for International Security and Cooperation (CISAC), Research Fellow, Hoover Institution
- **Dr. Herb Lin**, Senior Research Scholar, CISAC; Hank J. Holland Fellow, Hoover Institution

Opening Remarks:

- **H.R. McMaster**, Fouad and Michelle Ajami Senior Fellow, Hoover Institution; Former assistant to the president for National Security Affairs; Retired Lieutenant General, U.S. Army

Faculty:

- **Dr. Greg Conti**, Senior Security Strategist, IronNet Cybersecurity

- **Dr. Greg Conti**, Senior Security Strategist, IronNet Cybersecurity
- **Dr. Herb Lin**, Stanford University
- **Andrew Grotto**, Stanford University (Moderator)

Effectively combating any adversary requires understanding the ways in which that adversary thinks. Cybersecurity adversaries — from state agents seeking to disable military systems to hacktivists seeking to make a political point — share a security mindset: a predilection for examining the ways in which the security of a system can be circumvented or penetrated. Whereas good engineering is about how a system can be made to work, the security mindset involves thinking about how some aspect of a system can be made to fail. Understanding this mindset is the first step towards designing sound cybersecurity solutions.

Assignment: While in transit to the course location in Palo Alto, conduct a thought experiment for bringing an item prohibited by TSA regulations onto the airplane.

Learning Objectives: Why defense is more difficult than offense and what makes ongoing offense-defense competition inevitable.

1:30 pm – 1:45 pm BREAK

1:45 – 3:00 pm KEYNOTE: CURRENT THREAT LANDSCAPE

- **Kevin Mandia**, CEO, FireEye
- **Sean Kanuck**, Visiting Fellow, Hoover Institution; Former National Intelligence Officer for Cyber Issues, Office of the Director of National Intelligence
- **Dr. Herb Lin**, Stanford University (Moderator)

Threat actors and their specific activity signatures, global hot spots and trends, are analyzed daily by various security agencies, governments, and organizations. This keynote will direct our attention to today's principal threat actors, providing a bird's eye view of the threat landscape, current trends and capabilities, future outlook of malicious cyber activity, and seeks to bust certain myths sometimes circulated or recounted incorrectly about cyber operations. Speakers will also provide first-hand examples of experiences tracking threats and bad actors, and share insights about working in this field.

3:00 pm – 3:15 pm BREAK

3:15 pm – 4:15 pm THREATS TO CYBERSECURITY

Faculty:

- **Carey Nachenberg**, Chief Scientist, Chronicle; Adjunct Assistant Professor of Computer Science, UCLA
- **Dr. Tom Berson**, Visiting Scholar, Stanford CISAC; Advisory Board Member, Salesforce; Founder, Anagram Laboratories
- **Dr. Herb Lin**, Stanford University (Moderator)

Cybersecurity compromises can take a variety of forms and occur for a variety of reasons. This session examines various known techniques and vulnerabilities in information technology that allow them to happen, painting a picture of a well-known cybersecurity theme: offense

dominance. This session will include forensic case studies that illuminate the spectrum of the attack surface, key challenges, and trends.

Learning Objectives: Security-relevant principles of information technology; types of compromises; inherent vulnerabilities of information technology; the hidden complexity of cyberspace; anatomy of security compromises; and the spectrum of threats to cybersecurity.

4:15 pm – 4:30 pm BREAK

4:30 pm – 5:30 pm DINNER: OFFENSIVE DIMENSIONS OF CYBERSECURITY

Faculty:

- **Dr. Herb Lin**, *Stanford University*
- **Jason Kichen**, *Vice President, Advanced Security Concepts, eSentire*
- **Andrew Grotto**, *Stanford University (Moderator)*

Offensive activities — including those conducted for espionage and attack purposes — serve a variety of national goals. This discussion will summarize the operational and strategic requirements, intelligence needs, organizational structure and policy considerations necessary for offensive cyber operations.

Learning Objectives: The role of offensive operations in cyberspace for improving the nation's cybersecurity posture, signaling, and other purposes; the differences between penetration and exploitation and their important distinctions; the scope and nature of U.S. command and control of offensive operations in cyberspace.

5:30 pm – 6:00 pm BREAK

6:00 pm – 8:30 pm HOSPITAL RANSOMWARE SIMULATION

The hospital has been the victim of a cyber-attack in the form of ransomware which successfully encrypts 250,000 files and holds at least one system hostage, demanding a ransom payment in Bitcoin (BTC) in return for a decryption key which will unlock its systems and restore access and functionality to the system. The hospital has a timeline of 72 hours to pay the ransom before their files become permanently encrypted and inaccessible, or are moved off their network.

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DAY 2 (Tuesday, August 27): Technical & Nontechnical Approaches

8:30 am – 9:00 am BREAKFAST AND DAY 1 DEBRIEF

- **Andrew Grotto**, William J. Perry International Security Fellow, Center for International Security and Cooperation (CISAC), Research Fellow, Hoover Institution
- **Dr. Herb Lin**, *Senior Research Scholar, CISAC; Hank J. Holland Fellow, Hoover Institution*

9:00 am – 11:00 am HANDS ON HACK LAB

Faculty:

- **Alex Stamos**, Visiting Scholar, Hoover Institution; Adjunct Professor, Stanford University; Director, Internet Observatory, Cyber Policy Center, Freeman Spogli Institute

Stamos' course provides an introduction to the most common types of attacks used in cybercrime and cyberwarfare. As a long-time security practitioner, he covers the basics of an area of technology and how it has been misused. Participants will complete a lab session from his Stanford course in which they will be guided through attacking a known insecure system using techniques and tools seen in the field.

Participants will be required to bring a Windows or Mac laptop and will be provided with basic information for the exercise 2 weeks prior to the session. No computer science background is necessary for this session.

11:00 am – 11:15 pm BREAK

11:15 am – 12:15 pm LUNCH: CYBER RISK, ECONOMICS, AND ORGANIZATIONAL DIMENSIONS OF CYBERSPACE

Faculty:

- **Dr. Tyler Moore**, Tandy Assistant Professor of Cyber Security and Information Assurance, University of Tulsa
- **Dr. Greg Falco**, Security Researcher, Stanford CISAC
- **Dr. Herb Lin**, Stanford University (Moderator)

Known cybersecurity measures are often not fully adopted due to a variety of economic and organizational factors. These factors are non-technical in nature and often underappreciated by technical and policy communities.¹ Economics describe the incentives that apply to cyber defenders and adversaries, including the nature of cybersecurity market failures and the ability to handle collective action problems. The insurance sector is working to provide accurate and adequate coverage for this market. This session examines how these factors often discourage the adoption of sound security practices.

Learning Objectives: The importance of economic and organizational factors of cybersecurity and why they are often overlooked in efforts to improve cybersecurity; how government action might help to address non-technical factors that diminish the nation's cybersecurity posture.

12:15 pm – 12:30 pm BREAK

12:30 pm – 1:30 pm PRIVACY & SECURITY FOR CONSUMERS, CUSTOMERS, AND CRITICAL INFRASTRUCTURE

Faculty:

- **Robert Chesney**, Associate Dean and Charles I. Francis Professor, University of Texas School of Law; Director, Robert S. Strauss Center for International Security and Law
- **Ted Gizewski**, Vice President, Product Legal, Salesforce
- **Andrew Grotto**, Stanford University (Moderator)

Privacy and security risks manifest differently in different business sectors. They also share important interdependencies that require integrated risk management and policy-making strategies.

Learning objectives: Gaining insight into how privacy and security risks affect different sectors, how risk management strategies must be tailored to the risk environment, and why an integrated approach to managing privacy and security risks is imperative.

1:45 pm – 2:45 pm INTERNATIONAL LAW AND CYBERSECURITY

- **Dr. Tess Bridgeman**, Senior Fellow, Center on Law and Security, NYU
- **Dr. Herb Lin**, Stanford University
- **Andrew Grotto**, Stanford University (Moderator)

Faculty:

- **Dr. Irving Lachow**, Visiting Fellow, Hoover Institution; Affiliate, CISAC; Portfolio Manager, International Cybersecurity, MITRE
- **Andrew Grotto**, Stanford University
- **Dr. Herb Lin**, Stanford University (Moderator)

Cybersecurity can be a deeply technical subject, especially in how cybersecurity solutions are implemented, a few fundamental principles underlie most solutions. This session takes a deep dive into the principles of improving cybersecurity and how they fit together. These include reducing reliance on information technology, detecting cybersecurity compromises, and

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3:45 pm – 4:00 pm BREAK

4:00 pm – 5:00 pm CYBER ENABLED INFORMATION WARFARE AND INFLUENCE OPERATIONS

- **Dr. Rosanna Guadagno**, *Director, Information Warfare Working Group, Stanford University*
- **Dr. Herb Lin**, *Stanford University*
- **Andrew Grotto**, *Stanford University (Moderator)*

Learning Objectives: Understanding the fundamental differences between cyber war and cyber-enabled information warfare; the psychology underlying cyber-enabled information warfare; and the present inadequacies of the U.S. government in coping with such warfare.

5:00 pm – 6:30 pm BREAK

6:30 pm – 8:30 pm KEYNOTE RECEPTION/DINNER – ARTIFICIAL INTELLIGENCE

- **Dr. John Etchemendy**, Co-Director, Stanford Institute for Human-Centered Artificial Intelligence; Provost Emeritus, and Patrick Suppes Family Professor in the School of Humanities, Stanford University
- **Reid Hoffman**, Co-founder and former Executive Chairman, LinkedIn
- **Ambassador Michael McFaul**, Senior Fellow, Freeman Spogli Institute for International Studies; Senior Fellow, Hoover Institution, Stanford University (Moderator)

Artificial intelligence technologies are augmenting human capability and efficiency, changing the way we think about and interact with information, and creating new governance challenges and opportunities for policy makers and business leaders. Please join two distinguished thought leaders to discuss critical issues facing the future of human-centered AI development, innovation, and governance.

DAY 3 (Wednesday, August 28): Industry Voices, and the Future of Artificial Intelligence

9:00 am – 9:30 am BREAKFAST AND DAY 2 DEBRIEF

- **Andrew Grotto**, *William J. Perry International Security Fellow, Center for International Security and Cooperation (CISAC), Research Fellow, Hoover Institution*
- **Dr. Herb Lin**, *Senior Research Scholar, CISAC; Hank J. Holland Fellow, Hoover Institution*

9:30 am – 10:45 am INDUSTRY PERSPECTIVES PANEL

- **Dr. Sameer Bhalotra (Chair)**, *Co-Founder and CEO, ActZero.ai; Affiliate, CISAC; Senior Associate of the Strategic Technologies Program, CSIS; former Senior Director for Cybersecurity, National Security Council*
- **Frank Chen**, *Partner, Andreessen Horowitz*
- **Michelle Finneran Denedy**, *Vice President, Chief Privacy Officer, Cisco*
- **Rick Howard**, *Chief Security Officer, Palo Alto Networks*
- **Dr. Mark Rosekind**, *Chief Safety Innovation Officer, Zoox*

Market forces have a critical role in enhancing or weakening security and privacy considerations. This session examines how such forces play out at the level of the individual firm and incorporate the views and concerns of the business community. Silicon Valley senior executives and engineers will give their “ground truths” about the security problems facing the private sector.

Learning Objectives: Various private sector perspectives on technology and relations beyond Silicon Valley from technology firms that support innovative efforts for providing IT-based products and services with attention to cybersecurity and AI.

10:45 am – 11:00 am BREAK

11:00 am – 12:00 pm FUNDAMENTALS OF AI AND MACHINE LEARNING

Faculty:

- **Dr. Emma Brunskill**, Assistant Professor, Computer Science, Stanford University; Stanford AI for Human Impact Lab
- **Dr. Jeff Clune**, Harris Associate Professor, Computer Science, University of Wyoming; Senior Research Manager, Uber AI Labs
- **Andrew Grotto**, Stanford University, (Moderator)

Machine learning and the algorithms that fuel its applications have important principle foundations including deep learning neural networks, increased complexity in evolving neural networks, and robotics developments which are increasingly intelligent, adaptable, and resilient. Also known as reinforcement learning, algorithms can learn from experience to make decisions or provide diagnostics in applications such as educational software, healthcare decision making, robotics, or people-facing applications. This session will explain the basic elements of machine learning, and the typical environment for building and testing neural networks and reinforcement learning.

Learning Objectives: Practical applications and limits of machine learning, the broad strokes of development of deep neural networks, and the overall veracity of both development and applications of this technology. Faculty will also speak to the trajectory of the technology, and any risks it may pose from a technical perspective.

12:15 pm – 1:15 pm KEYNOTE LUNCH: ARTIFICIAL INTELLIGENCE AND SAFETY

- **Dr. Fei-Fei Li**, Co-Director, Stanford Human-Centered Artificial Intelligence Initiative, Stanford University; Professor, Computer Science, Stanford University
- **Mykel Kochenderfer**, Assistant Professor of Aeronautics and Astronautics, Stanford University; Director, Stanford Intelligent Systems Laboratory
- **Andrew Grotto**, Stanford University (Moderator)

Building robust decision making systems is challenging, especially for safety critical systems such as unmanned aircraft and driverless cars. Decisions must be made based on imperfect information about the environment and with uncertainty about how the environment will evolve. In addition, these systems must carefully balance safety with other considerations, such as operational efficiency. Typically, the space of edge cases is vast, placing a large burden on human designers to anticipate problem scenarios and develop ways to resolve them.

47 40 41 42 43 44 45 46 47 48 49 50

1:15 pm – 1:30 pm BREAK

1:30 pm – 2:30 pm ETHICS AND GOVERNANCE FOR AI

Faculty:

- **Dr. John Villasenor**, Visiting Fellow, Hoover Institution; Professor of Electrical Engineering, Law, Public Policy, and Management, University of California Los Angeles
- **Dr. Patrick Lin**, Director, Emerging Sciences Group, California Polytechnic State University
- **Dr. Herb Lin**, Stanford University (Moderator)

Advances in AI are raising a set of fundamentally important questions that go well beyond technology. This session will explore key AI ethics and governance issues, such as the nuances and challenges of addressing questions like: What should the rules be when machines make decisions with ethical implications, and who writes those rules? How can the issue of bias in AI be addressed?

Learning Objectives: The sorts of governance structures that can best ensure a climate of innovation in the AI ecosystem while also protecting against its potential misuses. What special issues are raised by AI in defense and security specifically.

2:40 pm – 3:50 pm HOOVER TOWER AND ARCHIVES TOUR

Founded by Herbert Hoover in 1919, the Hoover Institution Library & Archives are dedicated to documenting war, revolution, and peace in the twentieth and twenty-first centuries. With nearly one million volumes and more than six thousand archival collections from 171 countries, Hoover supports a vibrant community of scholars and a broad public interest in the meaning and role of history.

4:15 pm – 5:30 pm VISIT TO CENTER FOR AUTOMOTIVE RESEARCH AT STANFORD

* Faculty:

- **Dr. Stephen Zepf**, Executive Director, Center for Automotive Research, Stanford University
- **Bryan Casey**, Lecturer in Law, Stanford University
- **Marco Pavone**, Associate Professor, Aeronautics and Astronautics, Stanford University

The Center for Automotive Research at Stanford (CARS) brings together researchers, students, industry, government and the community to enable a future of human-centered mobility. Understanding how people and machines work together has never been so important than when building vehicles of the future. CARS supports educational experiences for students, infrastructure for research and events that bring students and campus researchers together with industry professionals and the broader community. Researchers and vehicles affiliated with CARS are housed at the Automotive Innovation Facility, which houses the Volkswagen Automotive Innovation Lab (often referred to as 'VAIL'), a state-of-the-art vehicle research facility where interdisciplinary teams can work on projects that move vehicle human-centered mobility forward.

Participants will visit CARS' Automotive Innovation Facility and hear from researchers on the cutting edge of the development of autonomous vehicles. Experts will brief the group on trends in the field, ongoing legal and ethical debates, and provide a tour of the facility showcasing vehicles and a driving simulator used for research.

6:00 pm – 8:00 pm DINNER AND REFLECTIONS

Coupa Café

198 Junipero Serra Blvd, Stanford, CA, 94305

Thursday, August 29: Shuttle will arrive to Schwab Residential Hall at 6:30am to depart for San Francisco International Airport

9:30 a.m. - Depart on Group Flight: United Airlines 516 to Dulles International Airport